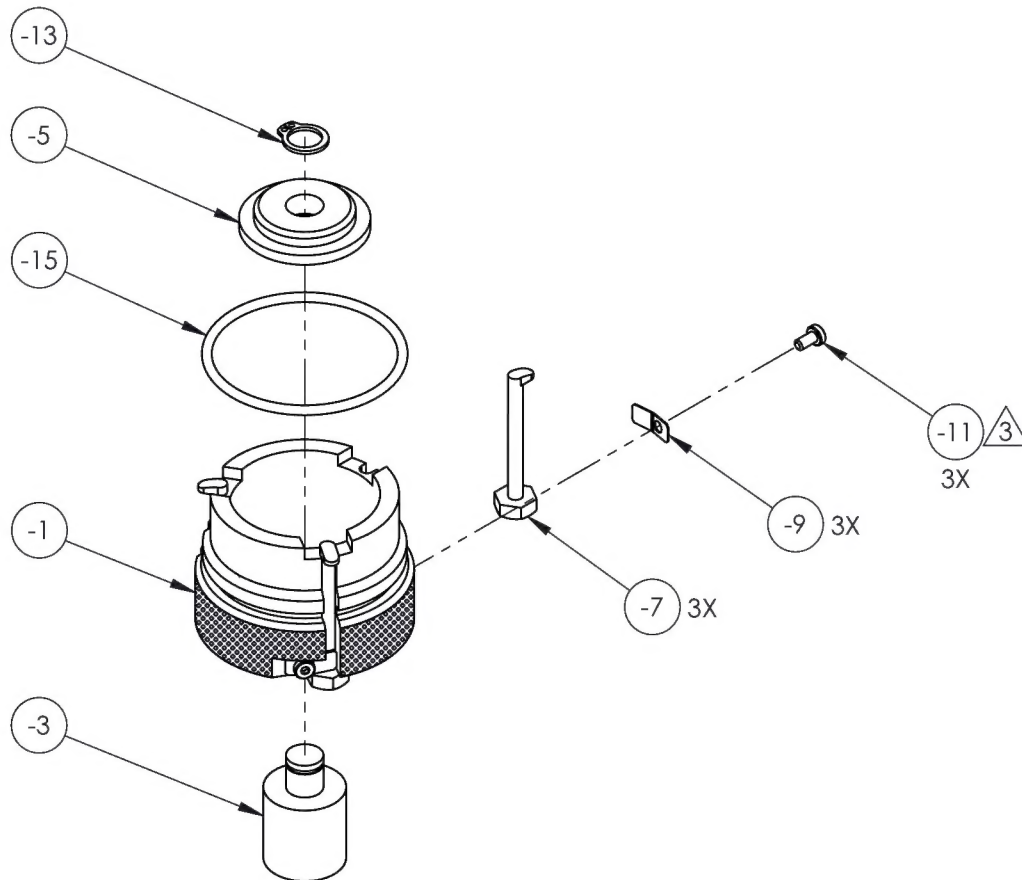


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	5/17/2017	DPD	JAG



NOTES:

1. REF. AIRBUS T/N: 117-30002-W1.
2. PART OF KIT: RBET3011.
3. INSTALL W/ LOCTITE 262.

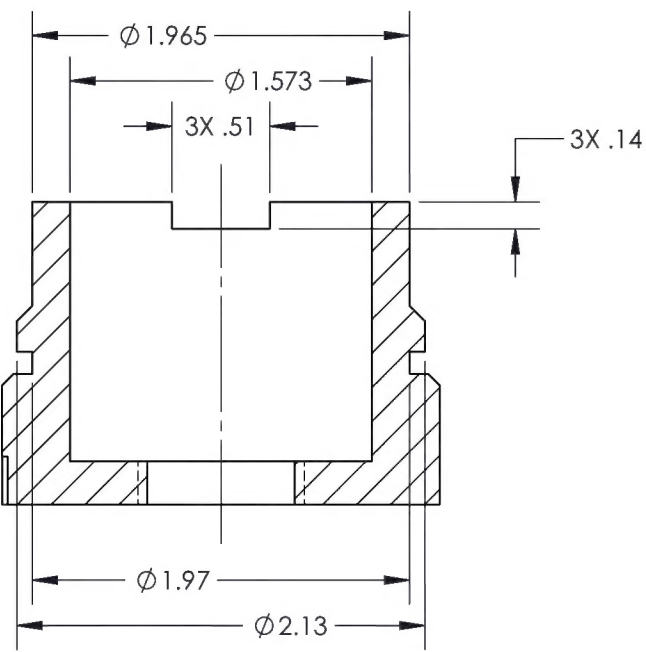
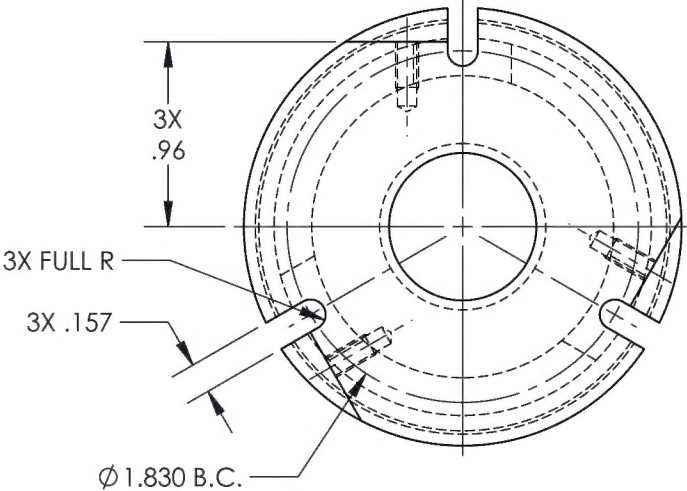
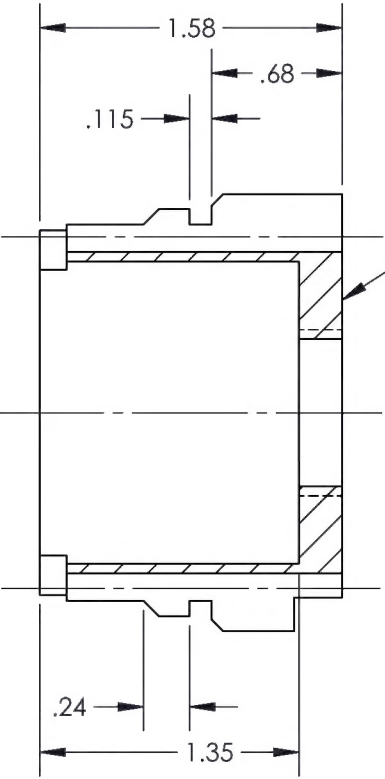
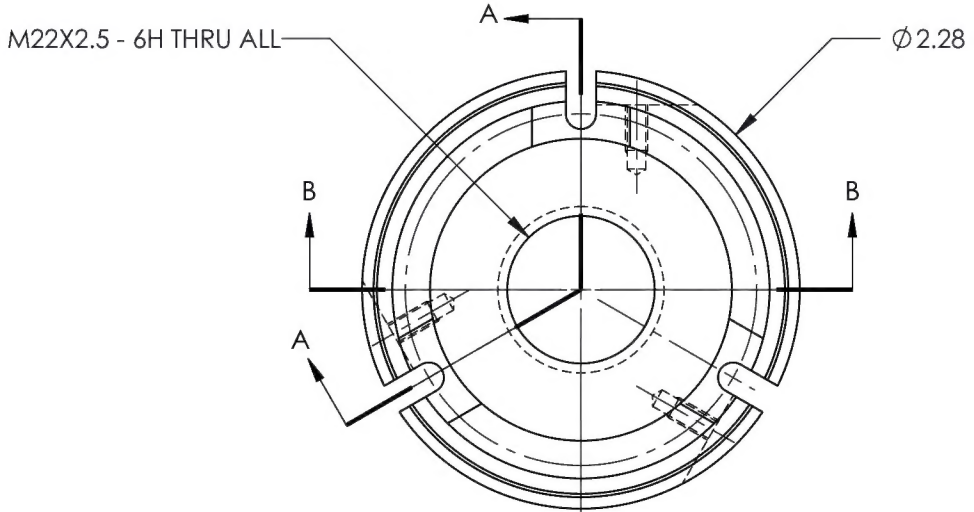
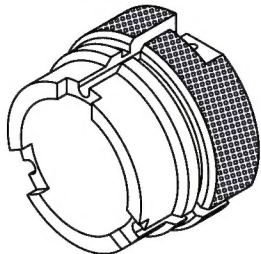
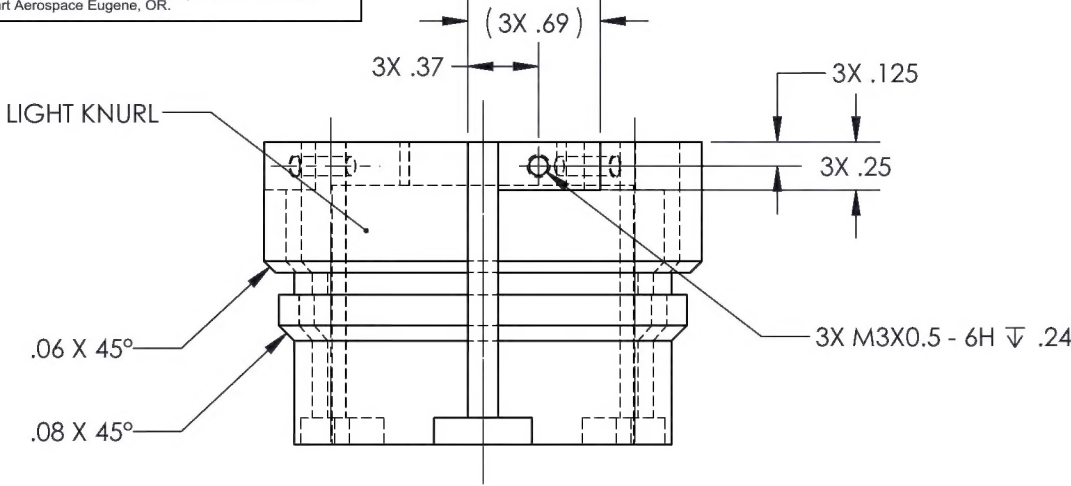


TITLE	
EXTRACTOR	
DWG NO.	REV
RBE117-30002W1	1
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT TREAT FINISH SPEC	DIMENSIONS ARE IN INCHES
	.XXX ± .005 FRACTIONS ± 1/8
	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
DRAWN BY: DD 05/03/2017	1. BREAK ALL SHARP EDGES
CHECKED: RJC 05/03/2017	.015 x 45° OR .015R
OPPS APPR: AA 05/05/2017	2. DIMENSIONAL LIMITS APPLY
QA APPR: JL 05/10/2017	AFTER PLATING
APPROVED: JAG 05/17/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:2	DATE 5/3/2017
SHEET 1 OF 6	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	RETAINER	303 S.S.		2
			-3	1	SPINDLE	4140/4142		3
			-5	1	WASHER	BRASS		4
			-7	3	PULLER	4140/4142		5
			-9	3	SPRING	301/304/316 S.S.		6
		B/O	-11	3	LOW PROFILE SOCKET HEAD CAP SCREW	S.S.	M3x0.5 X 6mm (MCMASTER-CARR #90666A103)	1
		B/O	-13	1	EXTERNAL RETAINING RING	STEEL	Ø10mm (MCMASTER-CARR #98541A118)	1
		B/O	-15	1	O-RING	VITON	Ø3/32 X Ø1-15/16 I.D. (MCMASTER-CARR #946K135)	1

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



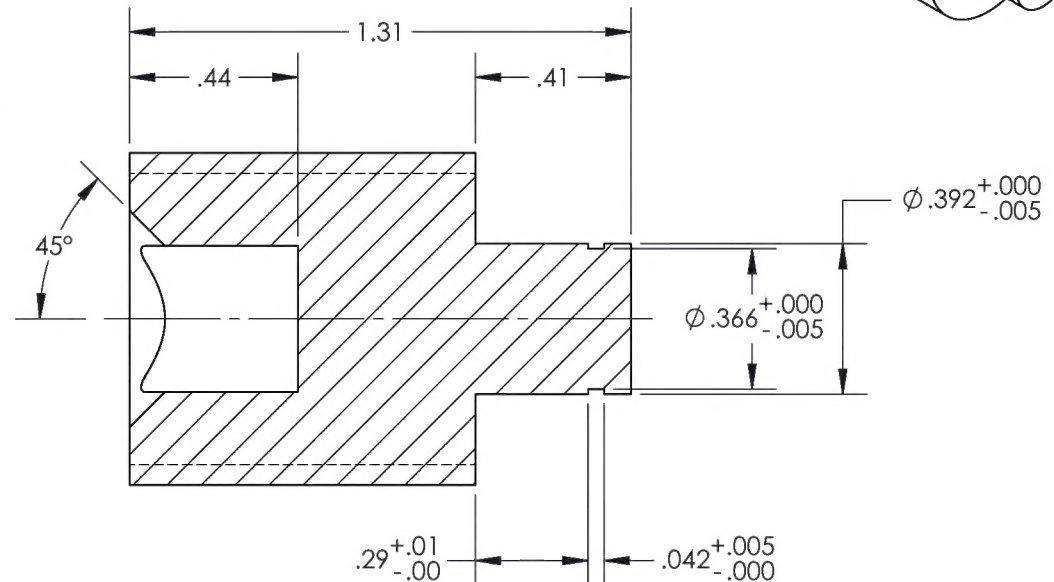
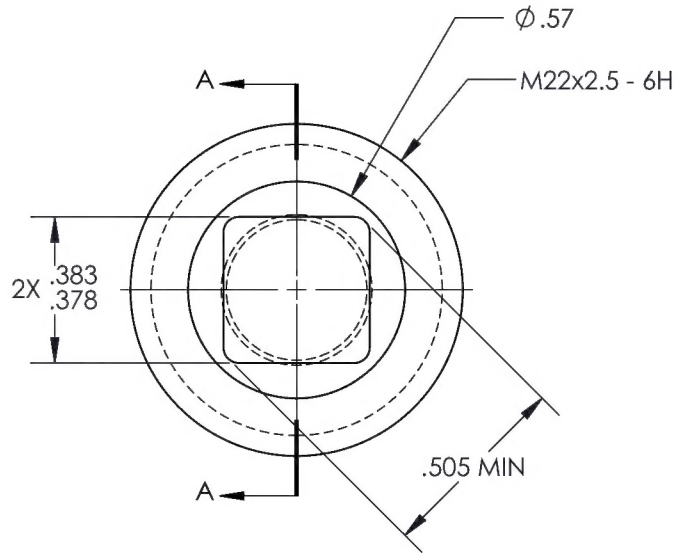
(-1)

RETAINER

DART AEROSPACE			
TITLE EXTRACTOR			
DWG NO. RBE117-30002W1-1			REV 1
MAT'L 303 S.S.		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX \pm .005 FRACTIONS \pm 1/8	
SPEC		.XX \pm .01 ANGLES \pm 5°	
DRAWN BY: DD 05/03/2017		.X \pm .1 SURFACES = 125	
CHECKED: RJC 05/03/2017		1. BREAK ALL SHARP EDGES	
OPPS APPR: AA 05/05/2017		.015 x 45° OR .015R	
QA APPR: JL 05/10/2017		2. DIMENSIONAL LIMITS APPLY	
APPROVED: JAG 05/17/2017		AFTER PLATING	
SCALE 1:1		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DATE 5/3/2017		USED ON MODEL	
SHEET 2 OF 6		EC145, EC645	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



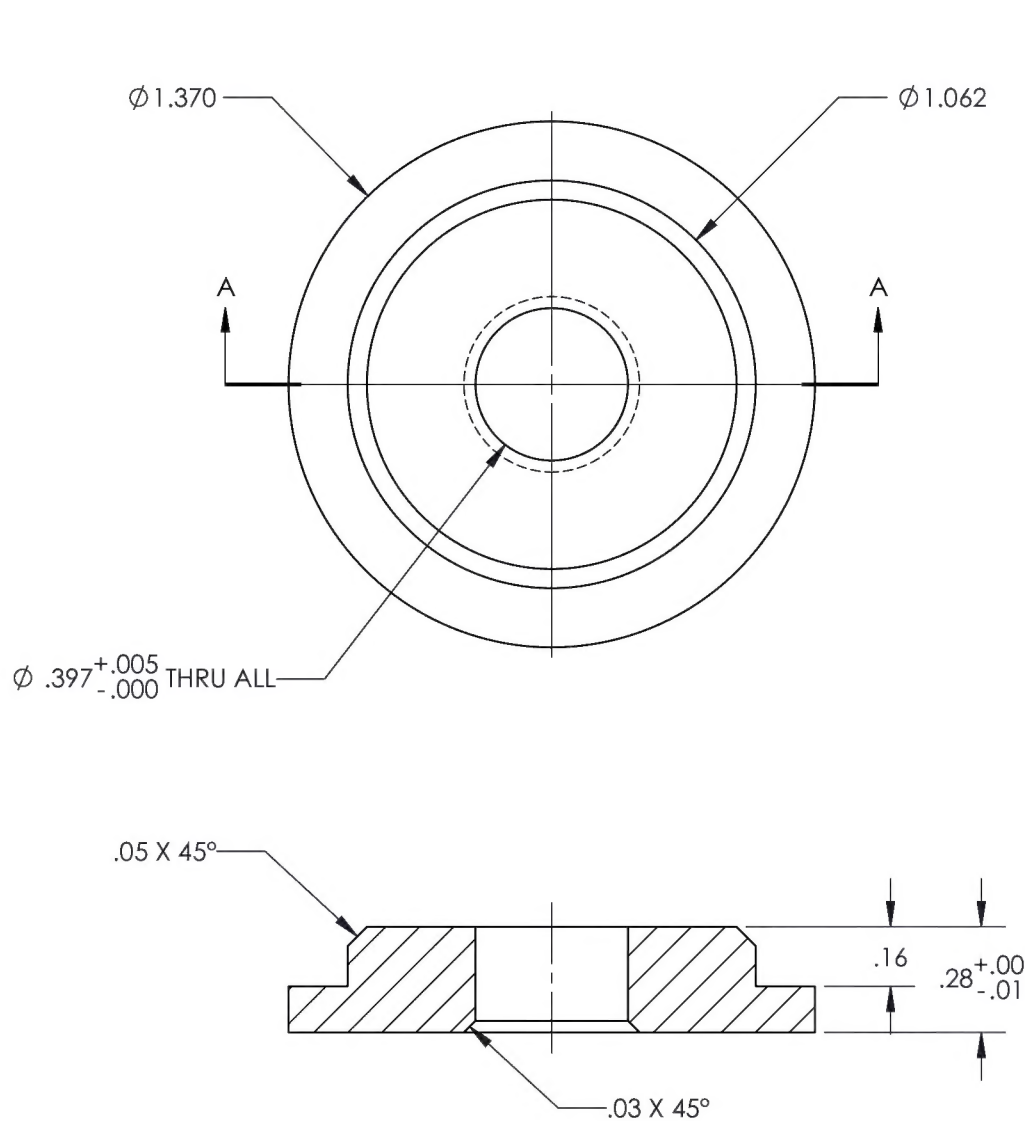
SECTION A-A

(-3)
SPINDLE

DART AEROSPACE	
TITLE EXTRACTOR	
DWG NO. RBE117-30002W1-3	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: DD 05/03/2017	.X ± .1 SURFACES = 125°
CHECKED: RJC 05/03/2017	1. BREAK ALL SHARP EDGES
OPPS APPR: AA 05/05/2017	.015 x 45° OR .015R
QA APPR: JL 05/10/2017	2. DIMENSIONAL LIMITS APPLY
APPROVED: JAG 05/17/2017	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 5/3/2017	USED ON MODEL
SHEET 3 OF 6	EC145, EC645

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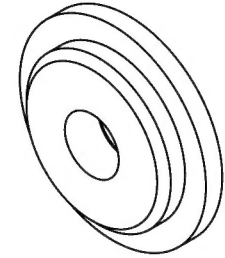
REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



SECTION A-A

(-5)

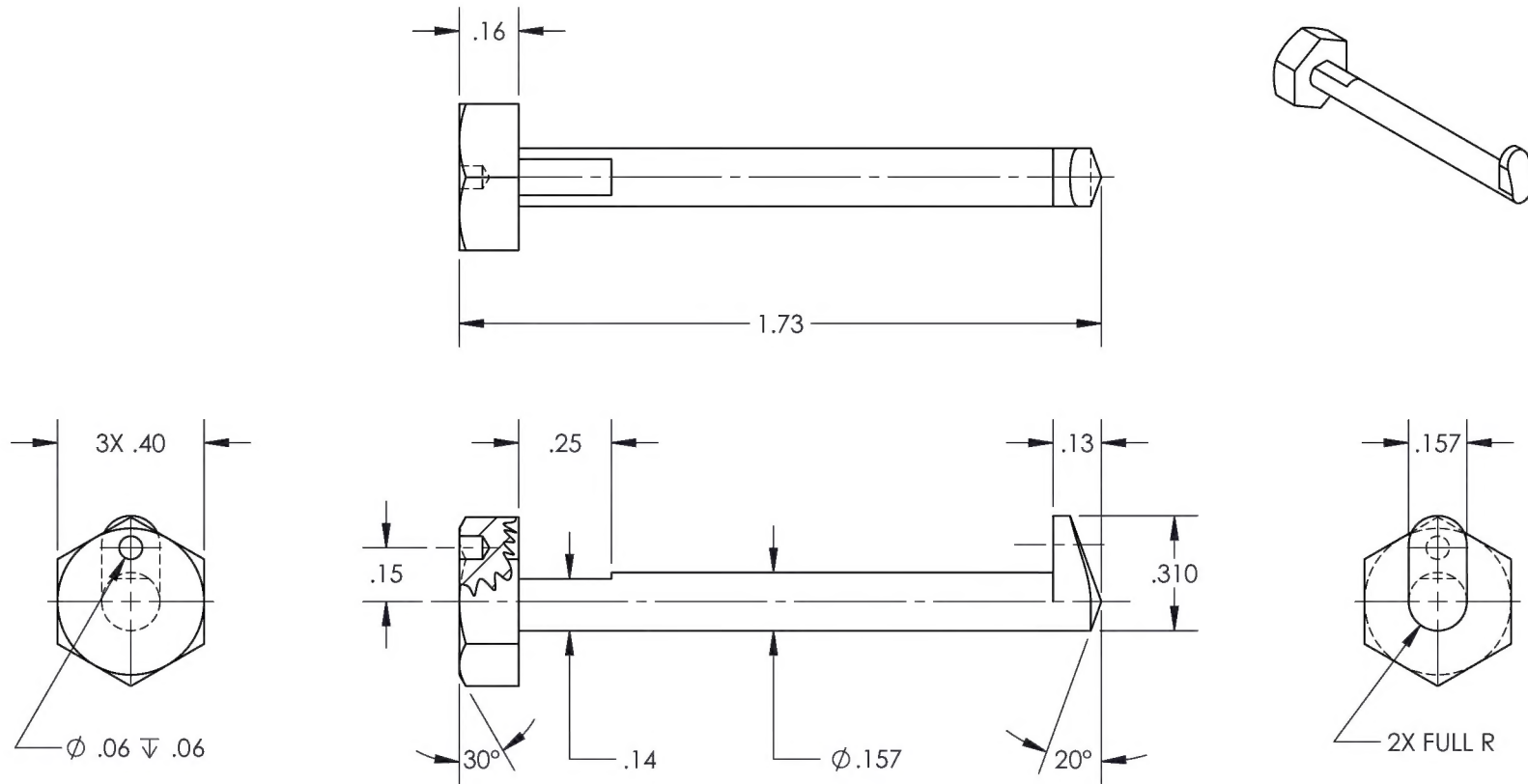
WASHER



DART AEROSPACE	
TITLE EXTRACTOR	
DWG NO. RBE117-30002W1-5	REV 1
MAT'L BRASS	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC	.XX \pm .01 ANGLES \pm .5°
	.X \pm .1 SURFACES = 125°
DRAWN BY: DD 05/03/2017	1. BREAK ALL SHARP EDGES
CHECKED: RJC 05/03/2017	.015 x 45° OR .015R
OPPS APPR: AA 05/05/2017	2. DIMENSIONAL LIMITS APPLY
QA APPR: JL 05/10/2017	AFTER PLATING
APPROVED: JAG 05/17/2017	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 2:1	DATE 5/3/2017
	USED ON MODEL
	EC145, EC645
	SHEET 4 OF 6

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

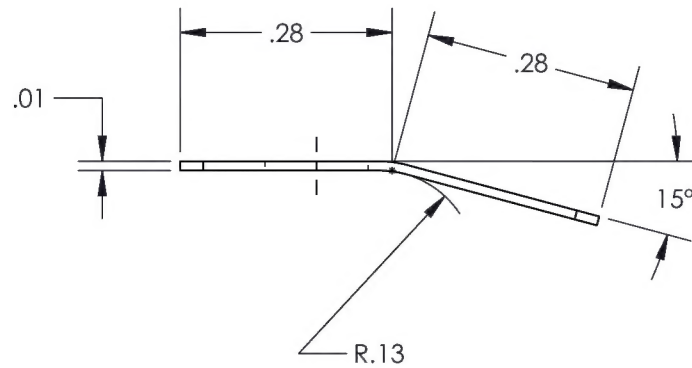
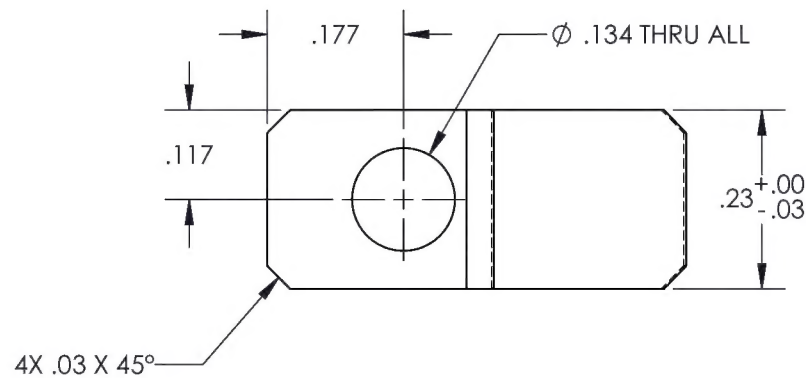


(-7)
PULLER

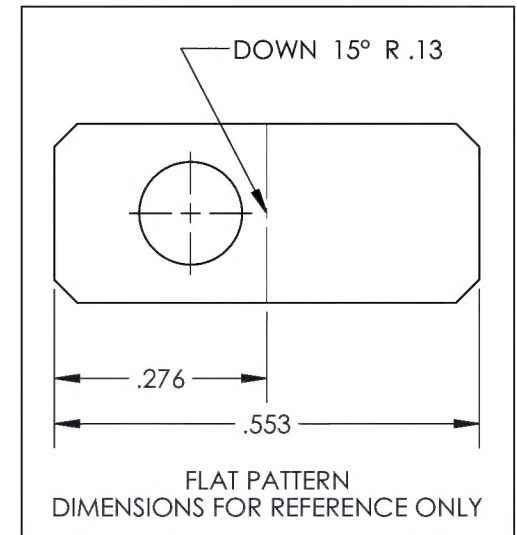
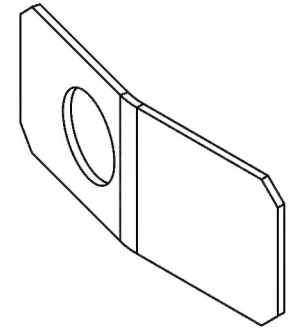
DART AEROSPACE	
TITLE EXTRACTOR	
DWG NO. RBE117-30002W1-7	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 28-34	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: DD 05/03/2017	.X ± .1 SURFACES = 125°
CHECKED: RJC 05/03/2017	1. BREAK ALL SHARP EDGES
OPPS APPR: AA 05/05/2017	.015 x 45° OR .015R
QA APPR: JL 05/10/2017	2. DIMENSIONAL LIMITS APPLY
APPROVED: JAG 05/17/2017	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 5/3/2017	USED ON MODEL
SHEET 5 OF 6	EC145, EC645

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REVISIONS			
REV	ECR	DESCRIPTION	DATE



(-9)
SPRING



DART AEROSPACE	
TITLE EXTRACTOR	
DWG NO. RBE117-30002W1-9	REV 1
MAT'L 301/304/316 S.S. TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DD 05/03/2017	USED ON MODEL
CHECKED: RJC 05/03/2017	EC145, EC645
OPPS APPR: AA 05/05/2017	
QA APPR: JL 05/10/2017	
APPROVED: JAG 05/17/2017	
SCALE 4:1	DATE 5/3/2017
SHEET 6 OF 6	